

PERSONAL INFORMATION

Mirela Petriceanu

📍 102 Biruintei Blvd., PO 077145, Ilfov county, Romania (work)

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WORK EXPERIENCE

December 2018 – present

**Intellectual Property Specialist / Scientific researcher III (from 1.05.2019)
Technology Transfer Centre for Advanced Materials CTT AVANMAT**

NATIONAL RESEARCH-DEVELOPMENT INSTITUTE FOR NON-FERROUS AND RARE METALS, INCDMNR-IMNR, Pantelimon, 077145, Ilfov, Romania, www.imnr.ro

- Assistance and consulting in any issue related to the protection of copyright and related rights, protection of industrial property rights (patents, copyrights, trademarks, drawings, 3D models, graphics) during the proceedings in front of OSIM
 - Promote projects R&D projects and disseminate results: organize events, elaborate dissemination materials, prepare and participate in events (R&D / innovation fairs, exhibits, brokerage events, etc.)
- Business or sector** Research and development

January 2014 – October 2016

Scientific researcher (CS)

NATIONAL RESEARCH-DEVELOPMENT INSTITUTE FOR NON-FERROUS AND RARE METALS, INCDMNR-IMNR, Pantelimon, 077145, Ilfov, Romania, www.imnr.ro
Nanostructured Materials Laboratory

- Activities in the field of nanomaterial synthesis
 - Hydrothermal synthesis of nanostructured materials (powders).
 - The study of the nanostructured materials regarding environmental impact.
 - Stabilization of the suspensions and dimensional characterization of the nanoparticles in colloidal suspensions using the NANOSIZER ZS 90 Granulometer from Malvern.
 - Participation as young researcher in the national and international projects.
- Business or sector** Research and development

October 2008 – December 2013

Scientific research assistant (ACS)

NATIONAL RESEARCH-DEVELOPMENT INSTITUTE FOR NON-FERROUS AND RARE METALS, INCDMNR-IMNR, Pantelimon, 077145, Ilfov, Romania, www.imnr.ro
Nanostructured Materials Laboratory

- Data base development for nanostructured hybrid materials.
 - Hydrothermal synthesis of nanostructured materials (powders).
 - Activities in the field of nanomaterial synthesis
 - Participation as young researcher in national and international projects.
 - Stabilization of the suspensions and dimensional characterization of the nanoparticles in colloidal suspensions using the NANOSIZER ZS 90 Granulometer from Malvern.
- Business or sector** Research and development

EDUCATION AND TRAINING

January 2020 – February 2020

Environmental Officer (COR 3257.1.0)

Certificate Serial M 00327009, Course accredited by the Ministry of National Education and the Ministry of Labour and Social Justice /made by Professional Security Division

23-27 May 2019

Intellectual Property Specialist

Certificate No 206/31.05.2019

- February – April 2009 CIT-IRECSON
Diploma
Course "Optimal organization of research activity and shaping of technological processes" organized by INCDMNR-CTT AVANMAT
- October 2008 – July 2010 Postgraduate diploma in the field of "Analytical control of environmental quality and decontamination techniques" EQF level 7
University POLITEHNICA of Bucharest, Faculty of Applied Chemistry and Materials Sciences,
- October 2001 – July 2007 Diplomat engineer in chemistry EQF level 6
University POLITEHNICA of Bucharest, Faculty of Applied Chemistry and Materials Sciences
Department of Technology of Inorganic Compounds, Bucharest, Romania

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C1	C1	C2
French	B2	C2	B1	A1	A2

Projects/Papers:

- Proiect Erasmus – „Skills-Alliance for Industrial Symbiosis-A Cross –sectoral Blueprint for a Sustainable Process Industry (SPIRE-SAIS) Grand Nr 612429-EPP-1-2019-1-DE –EPPKA2-SSA-B (2020-2023) –Trainer & Researcher.
- PN- III-P2-2.1-PTE-2019-0314-Hidrogeluri inteligente cu aplicatii in vindecarea ranilor si profilaxia infectiilor – GELINT 2020- Responsabil proprietate intelectuala.
- PPI/PEI dendrimers immobilised iron oxide nanoparticles as contrast agents for cancer detection” – NANOCAGE (2012-2016) – participant
- Ctr. 235EU/2013 “Sistem rapid de proces și productie pentru productia cu randament, flexibilitate și eficienta ridicata a componentelor miniaturizate fabricate dintr-o gama larga de materiale” – MicroFAST (2013-2016) –participant
- Ctr. 7-073/2013 “Integrated manufacturing process for textiles applications and wood protection” – MANUCOAT(2012-2015) – participant
- CNMP Project “ New technological concepts regarding the development of some nanomaterials with low environmental impact” – TECNANOECO(2008-2011) –participant
- INNOVATION Project “Triglycerides and Ag doped ZnO nanoparticles Impregnated bandages for treating wounds with high risk of supra-infection” – PANSAG(2008-2010) –participant
- M.Popescu, R.M. Piticescu, E.Vasile, D.Taloi, M.Petriceanu, M Stoiciu, V.Badilita – „The influence of Synthesis Parameters of FeO(OH) /Fe2O3 formation by hydrothermal Techniques”-Zeitschrift fur Naturforschung - Section B Journal of Chemical Sciences.65(8), pp. 1024-1032 -2010
- Popescu, L.M., Piticescu, R.M., Petriceanu, M., (...), Schinteie, G., Kuncser, V.- Hydrothermal synthesis of nanostructured hybrids based on iron oxide and branched PEI polymers. Influence of high pressure on structure and morphology”- Materials Chemistry and Physics161,18116, pp. 84-95(2015)
- Motoc. A.M, Tudor I.A., Petriceanu M., (...), Celzard A., Piticescu R.R – „In-situ synthesis and attachment of colloidal ZnO nanoparticles inside porous carbon structures-Materials Chemistry and Physics 161,18137, pp. 219-227 (2015)